

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently Amended) A method in a network unit of a telecommunication system providing network services to one or more user equipments and transmitting data messages of a multimedia broadcast/multicast service (MBMS), said method comprising:

receiving MBMS participation requests from the user equipments on a predetermined MBMS-uplink channel;

registering the user equipments for an MBMS session based on the received participation requests from said user equipments;

receiving on the predetermined MBMS-uplink channel, an acknowledgment message from a user equipment indicating that one or more MBMS-messages has been received;

providing charging information in response to receiving the acknowledgment message; and

transmitting one or more decoding keys to the user equipment for decoding one or more MBMS-messages after having charged the user equipment for previously received MBMS-messages;

maintaining a register for storing segment numbers of at least the received acknowledgement messages of each user equipment that participates in an MBMS-session;

determining from the segment numbers, a missing acknowledgement message;

retransmitting the decoding key for decoding the latest transmitted MBMS-message in case of a detected missing acknowledgement message; and

omitting the step of providing charging information when receiving from a user equipment, an acknowledgement message comprising an already received sequence number.

2. (Previously Presented) The method according to claim 1, wherein the user equipment is already charged in response to said participation request.

3. (Previously Presented) The method according to claim 1, wherein the charging information also considers a lapsed time during which the user equipment has participated in said MBMS-session.

4. (Previously Presented) The method according to claim 1, wherein the charging information also considers the user subscription profile.

5. (Canceled)

6. (Currently Amended) A method in a user equipment of a telecommunication system for conducting a multimedia broadcast/multicast service (MBMS) session, said method comprising:

transmitting on a predetermined MBMS-uplink channel, a participation request in order to participate in the MBMS session;

receiving MBMS-messages from the telecommunication system;

decoding one or more of the received MBMS-messages utilizing a stored decoding key that is provided by the telecommunication system; and

if required by a network operator, transmitting on said predetermined MBMS-uplink channel, acknowledgement messages for one or more received MBMS-messages;

storing received MBMS-messages of the session that cannot be initially decoded;
and

transmitting an acknowledgement message for the MBMS-messages that cannot be initially decoded after having received a necessary decoding key for decoding the MBMS-messages that cannot be initially decoded.

7. (Canceled)

8. (Currently Amended) A user equipment for communicating in a telecommunication system and conducting a multimedia broadcast/multicast service (MBMS) session, said user equipment comprising:

receiving means for receiving MBMS-messages and decoding keys from the telecommunication system;

means for storing the MBMS-messages and the decoding keys received from the telecommunication system;

~~means for storing MBMS messages received from the telecommunication system;~~

means for processing and decoding the received MBMS-messages utilizing [[a]] at least one of the stored decoding key keys; and

transmitting means for transmitting acknowledgement messages on a predetermined MBMS-uplink channel for one or more of the received MBMS-messages, wherein the transmitting means transmits an acknowledgement message for an MBMS-message that cannot be initially decoded after having received a necessary decoding key for decoding the MBMS-message that cannot be initially decoded.